

chain nodes :

7 8 11 17

ring nodes :

1 2 3 4 5 6 14 15 16 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36  
 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 62 63  
 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79

chain bonds :

1-7 7-8 8-11 15-17

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-14 5-16 14-15 15-16 22-23 22-27 23-24 24-25 25-26  
 26-27 26-46 27-48 28-29 28-33 29-30 30-31 31-32 32-33 32-49 33-51 34-35 34-39  
 35-36 36-37 37-38 38-39 38-52 39-54 40-41 40-45 41-42 42-43 43-44 44-45 44-55  
 45-57 46-47 47-48 49-50 50-51 52-53 53-54 55-56 56-57 62-63 62-67 63-64 64-65  
 65-66 66-67 66-74 67-76 68-69 68-73 69-70 70-71 71-72 72-73 72-77 73-79 74-75  
 75-76 77-78 78-79

exact/norm bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-14 5-16 7-8 8-11 14-15 15-16 15-17 26-46 27-48  
 32-49 33-51 38-52 39-54 44-55 45-57 46-47 47-48 49-50 50-51 52-53 53-54 55-56  
 56-57 66-74 67-76 72-77 73-79 74-75 75-76 77-78 78-79

normalized bonds :

22-23 22-27 23-24 24-25 25-26 26-27 28-29 28-33 29-30 30-31 31-32 32-33 34-35  
 34-39 35-36 36-37 37-38 38-39 40-41 40-45 41-42 42-43 43-44 44-45 62-63 62-67  
 63-64 64-65 65-66 66-67 68-69 68-73 69-70 70-71 71-72 72-73

G1:O,S,N

G2:[\*1],[\*2],[\*3],[\*4],[\*5],[\*6]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 11:CLASS 14:Atom 15:Atom  
 16:Atom 17:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom  
 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom  
 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 48:Atom 49:Atom  
 50:Atom

	51:Atom	52:Atom	53:Atom	54:Atom	55:Atom	56:Atom	57:Atom	62:Atom	63:Atom
64:Atom	65:Atom	66:Atom	67:Atom	68:Atom	69:Atom	70:Atom	71:Atom	72:Atom	73:Atom
74:Atom	75:Atom	76:Atom	77:Atom	78:Atom	79:Atom				

Element Count :  
Node 17: Limited  
N,N0-2

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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09811218

V. Balasubramanian

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FILE 'HOME' ENTERED AT 13:58:07 ON 08 FEB 2003

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:58:12 ON 08 FEB 2003  
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STRUCTURE FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6  
DICTIONARY FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>  
Uploading C:\STNEXP4\QUERIES\09811218.str

09811218

V. Balasubramanian

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 13:58:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 9452 TO ITERATE

10.6% PROCESSED 1000 ITERATIONS 0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 183219 TO 194861

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s l1 sss ful

FULL SEARCH INITIATED 13:58:58 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 188965 TO ITERATE

100.0% PROCESSED 188965 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.05

L4 0 SEA SSS FUL L1

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.55

148.76

FILE 'REGISTRY' ENTERED AT 13:59:17 ON 08 FEB 2003

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DICTIONARY FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6

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09811218

V. Balasubramanian

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s l4

SAMPLE SEARCH INITIATED 13:59:31 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 9452 TO ITERATE

10.6% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

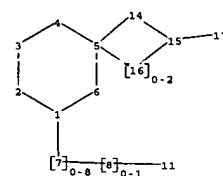
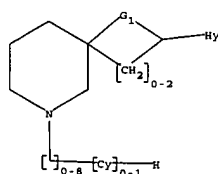
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 183219 TO 194861  
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.40	149.16

STN INTERNATIONAL LOGOFF AT 13:59:35 ON 08 FEB 2003



chain nodes :

7 8 11 17

ring nodes :

1 2 3 4 5 6 14 15 16

chain bonds :

1-7 7-8 8-11 15-17

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-14 5-16 14-15 15-16

exact/norm bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-14 5-16 7-8 8-11 14-15 15-16 15-17

G1:O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 11:CLASS 14:Atom 15:Atom  
16:Atom 17:Atom

Generic attributes :

17:  
Saturation : Unsaturated  
Type of Ring System : Polycyclic

Element Count :

Node 17: Limited  
N,N0-2

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
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09811218



V. Balasubramanian

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FILE 'HOME' ENTERED AT 13:43:04 ON 08 FEB 2003

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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DICTIONARY FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>  
Uploading C:\STNEXP4\QUERIES\09811218.str

09811218

V. Balasubramanian

L1 STRUCTURE UPLOADED

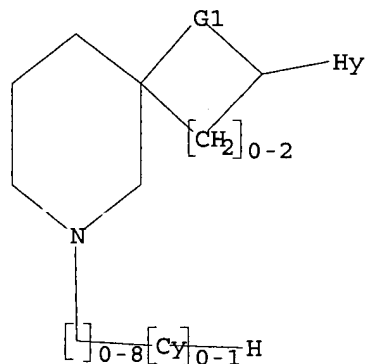
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 13:43:43 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 289414 TO ITERATE

0.3% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 0

L3 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

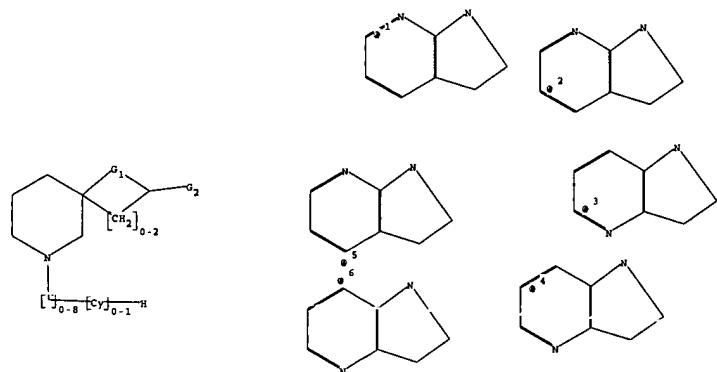
FULL ESTIMATED COST

0.40

0.61

STN INTERNATIONAL LOGOFF AT 13:43:51 ON 08 FEB 2003

09811218



chain nodes :

7 8 11 17

ring nodes :

1 2 3 4 5 6 14 15 16 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36  
 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 62 63  
 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79

chain bonds :

1-7 7-8 8-11 15-17

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-14 5-16 14-15 15-16 22-23 22-27 23-24 24-25 25-26  
 26-27 26-46 27-48 28-29 28-33 29-30 30-31 31-32 32-33 32-49 33-51 34-35 34-39  
 35-36 36-37 37-38 38-39 38-52 39-54 40-41 40-45 41-42 42-43 43-44 44-45 44-55  
 45-57 46-47 47-48 49-50 50-51 52-53 53-54 55-56 56-57 62-63 62-67 63-64 64-65  
 65-66 66-67 66-74 67-76 68-69 68-73 69-70 70-71 71-72 72-73 72-77 73-79 74-75  
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exact/norm bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-14 5-16 7-8 8-11 14-15 15-16 15-17 26-46 27-48  
 32-49 33-51 38-52 39-54 44-55 45-57 46-47 47-48 49-50 50-51 52-53 53-54 55-56  
 56-57 66-74 67-76 72-77 73-79 74-75 75-76 77-78 78-79

normalized bonds :

22-23 22-27 23-24 24-25 25-26 26-27 28-29 28-33 29-30 30-31 31-32 32-33 34-35  
 34-39 35-36 36-37 37-38 38-39 40-41 40-45 41-42 42-43 43-44 44-45 62-63 62-67  
 63-64 64-65 65-66 66-67 68-69 68-73 69-70 70-71 71-72 72-73

G1:O,S,N

G2:[\*1],[\*2],[\*3],[\*4],[\*5],[\*6]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 11:CLASS 14:Atom 15:Atom  
 16:Atom 17:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom  
 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom  
 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 48:Atom 49:Atom  
 50:Atom

	51:Atom	52:Atom	53:Atom	54:Atom	55:Atom	56:Atom	57:Atom	62:Atom	63:Atom
64:Atom	65:Atom	66:Atom	67:Atom	68:Atom	69:Atom	70:Atom	71:Atom	72:Atom	73:Atom
74:Atom	75:Atom	76:Atom	77:Atom	78:Atom	79:Atom				

Element Count :  
Node 17: Limited  
N,N0-2

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:51:20 ON 08 FEB 2003

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:51:32 ON 08 FEB 2003  
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STRUCTURE FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6  
DICTIONARY FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>  
Uploading C:\STNEXP4\QUERIES\09811218.str

09811218

V. Balasubramanian

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 13:52:08 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4726 TO ITERATE

21.2% PROCESSED 1000 ITERATIONS 0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 90439 TO 98681

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

0.61

FILE 'CAPLUS' ENTERED AT 13:52:18 ON 08 FEB 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 8 Feb 2003 VOL 138 ISS 7

FILE LAST UPDATED: 7 Feb 2003 (20030207/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

09811218

V. Balasubramanian

	ENTRY	SESSION
FULL ESTIMATED COST	0.42	1.03

FILE 'REGISTRY' ENTERED AT 13:52:34 ON 08 FEB 2003  
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STRUCTURE FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6  
DICTIONARY FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STN Note 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d l1  
L1 HAS NO ANSWERS  
L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam  
SAMPLE SEARCH INITIATED 13:52:50 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 4728 TO ITERATE

21.2% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 90439 TO 98681  
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L1

=> s l1 sss ful  
FULL SEARCH INITIATED 13:52:58 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 94945 TO ITERATE

100.0% PROCESSED 94945 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.04

L5 0 SEA SSS FUL L1

=> log y

09811218



V. Balasubramanian

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

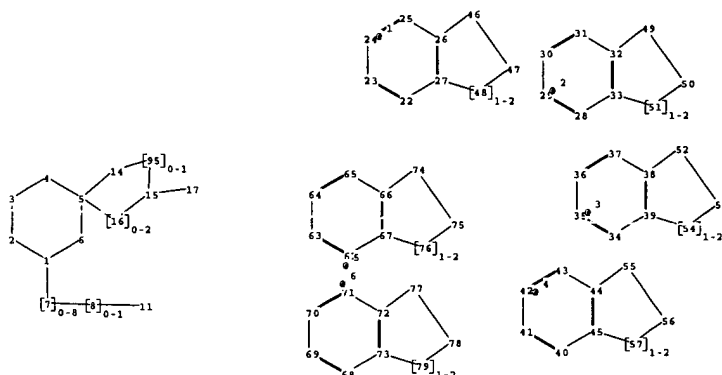
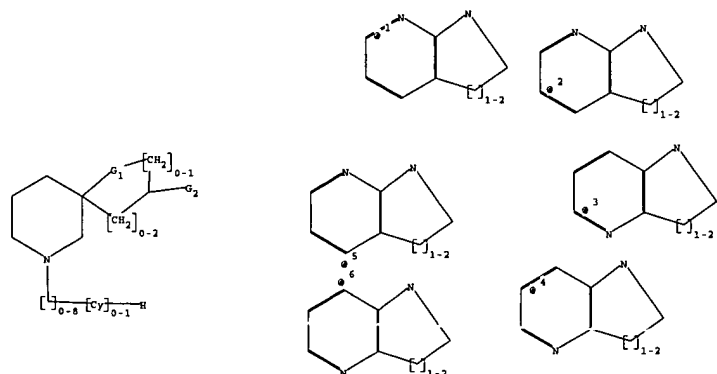
149.18

STN INTERNATIONAL LOGOFF AT 13:53:08 ON 08 FEB 2003

09811218

L Number	Hits	Search Text	DB	Time stamp
1	852	(546/199).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/02/08 14:05

L Number	Hits	Search Text	DB	Time stamp
1	852	(546/199).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/02/08 14:05



chain nodes :

7 8 11 17

ring nodes :

1 2 3 4 5 6 14 15 16 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36  
 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 62 63  
 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 95

chain bonds :

1-7 7-8 8-11 15-17

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-14 5-16 14-95 15-16 15-95 22-23 22-27 23-24 24-25  
 25-26 26-27 26-46 27-48 28-29 28-33 29-30 30-31 31-32 32-33 32-49 33-51 34-35  
 34-39 35-36 36-37 37-38 38-39 38-52 39-54 40-41 40-45 41-42 42-43 43-44 44-45  
 44-55 45-57 46-47 47-48 49-50 50-51 52-53 53-54 55-56 56-57 62-63 62-67 63-64  
 64-65 65-66 66-67 66-74 67-76 68-69 68-73 69-70 70-71 71-72 72-73 72-77 73-79  
 74-75 75-76 77-78 78-79

exact/norm bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-14 5-16 7-8 8-11 14-95 15-17 15-16 15-95 26-46  
 27-48 32-49 33-51 38-52 39-54 44-55 45-57 46-47 47-48 49-50 50-51 52-53 53-54  
 55-56 56-57 66-74 67-76 72-77 73-79 74-75 75-76 77-78 78-79

normalized bonds :

22-23 22-27 23-24 24-25 25-26 26-27 28-29 28-33 29-30 30-31 31-32 32-33 34-35  
 34-39 35-36 36-37 37-38 38-39 40-41 40-45 41-42 42-43 43-44 44-45 62-63 62-67  
 63-64 64-65 65-66 66-67 68-69 68-73 69-70 70-71 71-72 72-73

G1:O,S,N

G2:[\*1],[\*2],[\*3],[\*4],[\*5],[\*6]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 11:CLASS 14:Atom 15:Atom  
 16:Atom 17:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom  
 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom  
 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 48:Atom 49:Atom  
 50:Atom

51:Atom 52:Atom 53:Atom 54:Atom 55:Atom 56:Atom 57:Atom 62:Atom 63:Atom  
64:Atom 65:Atom 66:Atom 67:Atom 68:Atom 69:Atom 70:Atom 71:Atom 72:Atom 73:Atom  
74:Atom 75:Atom 76:Atom 77:Atom 78:Atom 79:Atom 95:CLASS  
Element Count :  
Node 17: Limited  
N,N0-2

V. Balasubramanian

	CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
	AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:35:05 ON 08 FEB 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:35:16 ON 08 FEB 2003

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STRUCTURE FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6

DICTIONARY FILE UPDATES: 7 FEB 2003 HIGHEST RN 487578-67-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\09811218.str

09811218

V. Balasubramanian

L1 STRUCTURE UPLOADED

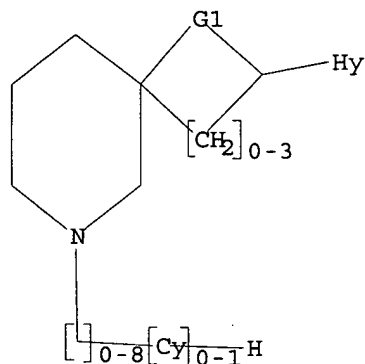
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 13:35:39 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 289414 TO ITERATE

0.3% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 0

L3 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.40	0.61

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 13:35:58 ON 08 FEB 2003

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 27 Oct 21 EVENTLINE has been reloaded  
NEWS 28 Oct 24 BEILSTEIN adds new search fields  
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002  
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 32 Nov 25 More calculated properties added to REGISTRY  
NEWS 33 Dec 02 TIBKAT will be removed from STN  
NEWS 34 Dec 04 CSA files on STN  
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 36 Dec 17 TOXCENTER enhanced with additional content  
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN  
NEWS 38 Dec 30 ISMEC no longer available  
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003  
NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003  
NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,

09811218